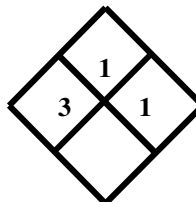


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**Effective Date:** 1/20/11**Material Safety Data Sheet**

MSDS No: 2363

**1. PRODUCT IDENTIFICATION****Trade Name:** EPOCAST 1628A**Material Code:** FPC2516**Chemical Family:** Filled Epoxy Resin

NFPA RATING

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
	115-86-6	PHOSPHORIC ACID, TRIPHENYL ESTER  Common Name: triphenyl phosphate Concentration 1.00 - 5.00 % by wt	3 mg/m3	NE	3 mg/m3	NE	ACGIH (TWA) 3 mg/m3	NR	NR	NR
	1185-55-3	SILANE, TRIMETHOXYMETHYL- trimethoxymethyl silane  Common Name: trimethoxymethyl silane Concentration 1.00 - 5.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	1675-54-3	Oxirane, 2,2'-[(1- methylethylidene)bis(4,1- phenyleneoxymethylene)]bis- Diglycidyl Ether of Bisphenol A  Common Name: Diglycidyl Ether of Bisphenol A Concentration 10.00 - 30.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	29761-21-5	PHOSPHORIC ACID, ISODECYL DIPHENYL ESTER  Concentration 1.00 - 5.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
	65997-17-3	Glass, oxide, chemicals glass oxide  Common Name: glass oxide Concentration 10.00 - 30.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	68333-79-9	AMMONIUM POLYPHOSPHATE ammonium polyphosphate  Common Name: ammonium polyphosphate Concentration 10.00 - 30.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR

NE = Not Established NR = Not Reviewed \* = OSHA Hazardous Ingredient

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Warning! ! Causes severe eye irritation and possible eye damage. Causes severe skin irritation and possible allergic skin reaction. Harmful if inhaled. Harmful if swallowed.

**Primary Route(s) of Entry:** Dermal, inhalation.

**Potential Health Effects:** Vapor or mists can irritate the nose and throat. Severely irritating to eyes with possible permanent injury. Severely irritating and harmful if absorbed through skin. Substance will cause burning and severe swelling of the mouth, throat and abdomen.

**Carcinogenicity (NTP, IARC, OSHA):** The chemicals listed in Section 2 are not considered to be carcinogenic by NTP, IARC, or OSHA.

**Chronic:** Prolonged or repeated exposure may cause liver damage. Also, repeated overexposure can cause allergic reaction

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes. Seek immediate medical attention.

**Inhalation:** Remove to fresh air. Seek immediate medical attention.

**Eyes:** Immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention.

**Note to Physician:** Allergic dermatitis or respiratory response in susceptible individuals may be delayed. It may appear after weeks or even months of frequent and prolonged contact.

**Medical Conditions Aggravated by Exposure:** Eczema, skin, eye condition or respiratory disease

### 5. FIRE FIGHTING MEASURES

**Flash Point:** > 110°C (> 230 °F)

**Flash Point Method Used:** Closed Cup

**Fire Fighting Extinguishing Media:** Carbon dioxide, foam, dry chemical, water spray.

**Fire Fighting Equipment:** Use self-contained breathing apparatus and full protective clothing.

**Fire and Explosion Hazards:** Keep fire-exposed containers cool with water. Do NOT use a solid stream of water. A solid stream of water can spread fire.

Effective Date: 1/20/11

**Hazardous Combustion Products:** Decomposition and combustion products may be toxic.

## **6. ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Evacuate spill area. Ventilate area. Avoid breathing vapor. Use protective equipment. Clean-up all traces of spill. Shovel as much of material as possible into dry, clean containers. On hard surfaces, use absorbent material to pickup remainder. On loose surfaces, shovel-up contaminated layer. Keep spills and cleaning run-offs out of municipal sewers and open bodies of water.

## **7. HANDLING AND STORAGE**

**Signal Word:** WARNING!

**Precautions:** Do NOT get in eyes, on skin, or clothing. Wear chemical splash goggles and impervious gloves when handling. Wash skin and clothing thoroughly after handling. Avoid breathing vapor or mist. Use only with adequate ventilation. Keep containers closed when not in use. Do NOT take internally.

**Other Handling Information:** In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Do not inhale mists. Use with adequate ventilation. For industrial use only.

**Storage Information:** Store away from excessive heat (e.g., steampipes, radiators), from sources of ignition and from reactive materials. Do NOT store near food nor feed.

**Additional Information:** PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THE PRODUCT. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protective Equipment:** Eye bath and safety shower should be available. Wear protective clothing.

**Exposure Guidelines:** Wash thoroughly after handling and before eating, drinking, or using tobacco products.

**Skin Protection:** Wear impervious gloves.

**Respiratory Protection:** Wear respirator (MSHA/NIOSH or approved equivalent) suitable for concentrations and type of air contaminants encountered.

**Eye Protection:** Wear safety glasses or goggles.

**Engineering Controls:** Use good general mechanical ventilation and local exhaust.

**Emergency Response Protection:** Wear breathing apparatus (MSHA/NIOSH-approved, pressure demand, self-contained or equivalent) and full protective gear.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Soft Paste
<b>Color:</b>	White
<b>Odor:</b>	Pleasant

Printed: 7/12/2011

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Effective Date: 1/20/11

<b>Solubility in Water:</b>	Appreciable
<b>Viscosity:</b>	Soft paste
<b>Vapor Pressure:</b>	< 1 mm Hg at 20°C (68 °F)
<b>Specific Gravity:</b>	0.55 (Water =1)
<b>Evaporation Rate:</b>	< 1 (Butyl Acetate = 1)
<b>Vapor Density:</b>	> 1 (Air = 1)
<b>VOC:</b>	~ 6 g/L (This is an estimated value.)
<b>pH:</b>	Not Evaluated
<b>Coefficient of water/oil:</b>	Not Evaluated

## **10. STABILITY AND REACTIVITY**

**Conditions to Avoid:** Elevated temperatures, amines and bases in bulk

**Stability:** Stable under normal conditions.

**Incompatibility:** Strong oxidizing agents, acids, and bases

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, aldehydes, oxides of nitrogen and oxides of phosphorous

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

**Acute Oral Effects (LD50):** (for hydantoin epoxy resin) - 480 mg/kg (mouse), 7500 mg/kg (Chinese Hampster), 200 mg/kg (female rat) (toxic by ingestion), 300 mg/kg (male rat)

For reaction products of Epichlorohydrin and Bisphenol A: >5,000 mg\Kg (rats)

**Acute Dermal Toxicity (LD50):** For 5-Ethyl-1,3-diglycidyl-5-methyl hydantoin: >3,000 mg/Kg (rabbit & rat)

**Inhalation Toxicity (LC50):** Not available

**Sensitization:** Sensitizer (components).

**Skin Irritation:** Severe skin irritant.

**Eye Irritation:** Can cause severe eye irritation and possible eye damage.

## **12. ECOLOGICAL INFORMATION**

**Biodegradability:** No information available.

**Ecotoxicity:** No information available.

## **13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Incinerate in approved equipment. Landfill or incinerate contaminated material in accordance with local, state, and federal regulations.

Effective Date: 1/20/11

RCRA Hazard Class: Not a hazardous waste under RCRA (40 CFR 261)

**14. TRANSPORT INFORMATION****DOT: Non-Bulk**

**Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.  
**Technical Shipping Name (If n.o.s.):** triphenyl phosphate  
**Hazard Class:** 9  
**ID Number:** UN 3082  
**Packing Group:** PG III  
**Marine Pollutant:** Severe Marine Pollutant

**IATA: Non-Bulk**

**Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.  
**Technical Shipping Name (If n.o.s.):** triphenyl phosphate  
**Hazard Class:** 9  
**ID Number:** UN 3082  
**Packing Group:** PG III  
**Marine Pollutant:** Severe Marine Pollutant

**IMDG: Non-Bulk**

**Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.  
**Technical Shipping Name (If n.o.s.):** triphenyl phosphate  
**Hazard Class:** 9  
**ID Number:** UN 3082  
**Packing Group:** PG III  
**Marine Pollutant:** Severe Marine Pollutant

**TDG: Non-Bulk**

**Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s.  
**Technical Shipping Name (If n.o.s.):** triphenyl phosphate  
**Hazard Class:** 9  
**ID Number:** UN 3082  
**Packing Group:** PG III  
**Marine Pollutant:** Severe Marine Pollutant

**Department of Transportation:** Under 49 CFR 171.4 (c) NONBULK shipments of marine pollutants are not regulated for transport by motor vehicles, rail cars or aircraft. NONBULK shipments of marine pollutants are regulated when transported by vessel (ship).

**15. REGULATORY INFORMATION****US Federal Regulations:**

**Occupational Safety and Health Act (OSHA):** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).

**SARA Title III: Section 304 - CERCLA:** This product contains the following chemicals regulated under Section 304 (40 CFR 302) as hazardous substance(s) for emergency release notification ("CERCLA" List):



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**Effective Date: 1/20/11**

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Chemical Name: PHOSPHORIC ACID, TRIPHENYL ESTER

Common Name: triphenyl phosphate

CAS Number: 115-86-6

Percent in Composition: 1 - 5 % by wt

**SARA Title III: Section 311/312 - Hazard Communication Standard (HCS):** Immediate (acute) health hazard.  
Delayed (chronic) health hazard.**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product does not contain a toxic chemical for routine annual 'Toxic Chemical Release Reporting' under Sec. 313 (40 CFR 372).**TSCA Section 8(b) - Inventory Status:** Chemical components listed on TSCA Inventory.**TSCA Section 12(b) - Export Notification:** This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

### **International Regulations:**

**Australian Inventory Status:** This product contains only chemicals which are currently listed on the Australian Inventory of Chemical Substances.**Canadian Inventory Status:** This product contains components which are included on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).**Canadian WHMIS:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. D2A, D2B**European Inventory Status (EINECS):** This product is not permitted for use within the European Union except under restricted circumstances.**Japanese Inventory Status:** This product contains one or more chemicals currently not on the Japanese Ministry of International Trade and Industry List of Existing and New Chemical Substances.

### **State Regulations:**

**California Proposition 65:** This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.**Pennsylvania Right-to-Know:** The following is required composition information:

Chemical Name: AMMONIUM POLYPHOSPHATE

Common Name: ammonium polyphosphate

CAS Number: 68333-79-9

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Glass, oxide, chemicals

Common Name: glass oxide

CAS Number: 65997-17-3

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-

Common Name: Diglycidyl Ether of Bisphenol A

CAS Number: 1675-54-3

Effective Date: 1/20/11

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: PHOSPHORIC ACID, TRIPHENYL ESTER

Common Name: triphenyl phosphate

CAS Number: 115-86-6

Comment: Hazardous Substance

**16. OTHER INFORMATION**

**MSDS No:** 2363  
**Reason Issued:** 1/11 update -add env haz 9/07 - fix DOT  
glitch, update regs - add syn - New format  
**Title:** EH&S Chemist

**Other Information:** L/M Codes: JR/L- JS0597 (J10021830) [J01]  
Material Code: FPC2516

**Disclaimer:** The information and recommendations contained herein are based upon tests in controlled laboratory conditions, are believed to be correct, and are provided for the sole purpose of hazard communication as part of Huntsman's product safety program. This product has not been tested for, and therefore is not recommended or suitable for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended or likely, or for uses for which implantation within the human body is intended, and Huntsman assumes no liability for any such uses.

The information and recommendations contained herein are not intended to constitute performance information concerning the product, which is available in separate technical data sheets available from Huntsman upon request. Users are urged, and are urged to urge others who may come in contact with the product, to obtain and consult data sheets prior to purchase, use, transportation or storage of the product.

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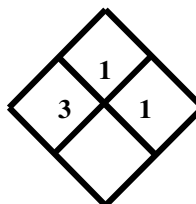


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Asia Pacific Emergency Phone: (65) 6336-6011

**Effective Date:** 10/25/10**Material Safety Data Sheet**

MSDS No: 2364

**1. PRODUCT IDENTIFICATION****Trade Name:** EPOCAST 1628B**Material Code:** FPC2517**Chemical Family:** filled modified aliphatic amine

NFPA RATING

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
	112-24-3 Common Name: Concentration	1,2-Ethanediamine, N,N'-bis(2-aminoethyl)- Triethylenetetramine 10.00 - 20.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
	112926-00-8 Common Name: Concentration	Silica gel, precipitated, crystalline free precipated silica, crystalline free 1.00 - 5.00 % by wt	10 mg/m3	NE	NE	NE	NE	NR	NR	NR
	21645-51-2 Concentration	Aluminum hydroxide (Al(OH)3) 10.00 - 20.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
	65997-17-3 Common Name: Concentration	Glass, oxide, chemicals glass oxide 30.00 - 50.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	Confidential Concentration	Polyamide resin 30.00 - 50.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR

NE = Not Established NR = Not Reviewed \* = OSHA Hazardous Ingredient

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** CORROSIVE! Causes severe eye and skin burns and possible allergic skin reaction. Vapor irritating to eyes, skin and nasal mucous membranes. Harmful if swallowed.

Effective Date: 10/25/10

**Primary Route(s) of Entry:** Dermal, inhalation.

**Potential Health Effects:** Vapor or mist can cause severe irritation to the nose and throat. Substance can be corrosive to eyes and causes permanent, irreversible eye injury. Substance can be corrosive to skin and cause chemical burns. Substance will cause burning and swelling of mouth, throat, and abdomen on ingestion.

**Carcinogenicity (NTP, IARC, OSHA):** The chemicals listed in Section 2 are not considered to be carcinogenic by NTP, IARC, or OSHA.

**Chronic:** Prolonged or repeated exposure may cause liver damage. Also, repeated overexposure can cause allergic reaction

#### **4. FIRST AID MEASURES**

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Skin:** Immediately wash with soap and water. Remove contaminated clothing and laundry before reuse. Destroy contaminated shoes. Seek immediate medical attention.

**Inhalation:** Remove to fresh air. Seek immediate medical attention.

**Eyes:** Immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention.

**Note to Physician:** Allergic dermatitis or respiratory response in susceptible individuals may be delayed. It may appear after weeks or even months of frequent and prolonged contact.

**Medical Conditions Aggravated by Exposure:** Allergy, skin, eye and respiratory disease/condition.

#### **5. FIRE FIGHTING MEASURES**

**Flash Point:** > 99°C (> 210 °F)

**Flash Point Method Used:** Tag Closed Cup

**Fire Fighting Extinguishing Media:** Carbon dioxide, foam, dry chemical, water spray.

**Fire Fighting Equipment:** Cool exposed containers with water spray. Use self contained breathing apparatus.

**Fire and Explosion Hazards:** Keep fire-exposed containers cool with water. Do NOT use a solid stream of water. A solid stream of water can spread fire.

**Hazardous Combustion Products:** Decomposition and combustion products may be toxic.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Evacuate spill area. Ventilate area. Avoid breathing vapor. Use protective equipment. Clean-up all traces of spill. Shovel as much of material as possible into dry, clean containers. On hard surfaces, use absorbent material to pickup remainder. On loose surfaces, shovel-up contaminated layer. Keep spills and cleaning run-offs out of municipal sewers and open bodies of water.

Effective Date: 10/25/10

## 7. HANDLING AND STORAGE

**Signal Word:** CORROSIVE!

**Precautions:** Do NOT get in eyes, on skin, or clothing. Wear chemical splash goggles and impervious gloves when handling. Wash skin and clothing thoroughly after handling. Avoid breathing vapor or mist. Use only with adequate ventilation. Keep containers closed when not in use. Do NOT take internally.

**Other Handling Information:** In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Do not inhale mists. Use with adequate ventilation. For industrial use only.

**Storage Information:** STORAGE TEMPERATURE: 35°C, maximum. Store indoors in a cool, dry area with adequate ventilation away from excessive heat, sources of ignition, and reactive materials. Do NOT store near food or feed. CORROSIVE to copper and brass on long-term storage.

**Additional Information:** PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THE PRODUCT. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Personal Protective Equipment:** Eye bath and safety shower should be available. Wear protective clothing.

**Exposure Guidelines:** Wash thoroughly after handling and before eating, drinking, or using tobacco products.

**Skin Protection:** Wear impervious gloves.

**Respiratory Protection:** Wear respirator (MSHA/NIOSH or approved equivalent) suitable for concentrations and type of air contaminants encountered.

**Eye Protection:** Wear safety glasses or goggles.

**Engineering Controls:** Use good general mechanical ventilation and local exhaust.

**Emergency Response Protection:** Wear breathing apparatus (MSHA/NIOSH-approved, pressure demand, self-contained or equivalent) and full protective gear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Soft Paste
<b>Color:</b>	Yellow
<b>Odor:</b>	Ammoniacal
<b>Solubility in Water:</b>	Appreciable
<b>Viscosity:</b>	Soft paste
<b>Vapor Pressure:</b>	< 1 mm Hg at 20°C (68 °F)
<b>Specific Gravity:</b>	0.46 (Water = 1)
<b>Boiling Point:</b>	Not Evaluated
<b>Evaporation Rate:</b>	< 1 (Butyl Acetate = 1)
<b>Vapor Density:</b>	> 1 (Air = 1)
<b>VOC:</b>	15 g/L (This is an estimated value.)
<b>pH:</b>	Not Evaluated
<b>Coefficient of water/oil:</b>	Not Evaluated

Effective Date: 10/25/10

**10. STABILITY AND REACTIVITY****Conditions to Avoid:** Elevated temperatures, strong acids or isocyanates in bulk**Stability:** Stable under normal conditions.**Incompatibility:** Strong oxidizing agents, and mineral acids**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and oxides of nitrogen.**Hazardous Polymerization:** Will not occur.**11. TOXICOLOGICAL INFORMATION****Acute Oral Effects (LD50):** Not available.**Acute Dermal Toxicity (LD50):** Not available.**Inhalation Toxicity (LC50):** Not available**Sensitization:** May cause sensitization.**Skin Irritation:** Corrosive. Causes burns.**Eye Irritation:** Corrosive. Causes burns.**12. ECOLOGICAL INFORMATION****Biodegradability:** No information available.**Ecotoxicity:** No information available.**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method:** Incinerate in approved equipment. Landfill or incinerate contaminated material in accordance with local, state, and federal regulations.**14. TRANSPORT INFORMATION****DOT: Non-Bulk**

<b>Proper Shipping Name:</b>	Triethylenetetramine solution
<b>Hazard Class:</b>	8
<b>ID Number:</b>	UN 2259
<b>Packing Group:</b>	PG II
<b>Label:</b>	Corrosive
<b>Hazard Labels:</b>	corrosive

**IATA: Non-Bulk**

<b>Proper Shipping Name:</b>	Triethylenetetramine solution
------------------------------	-------------------------------



Effective Date: 10/25/10

<b>Hazard Class:</b>	8
<b>ID Number:</b>	UN 2259
<b>Packing Group:</b>	PG II
<b>Label:</b>	Corrosive
<b>Hazard Labels:</b>	corrosive
<b>IMDG: Non-Bulk</b>	
<b>Proper Shipping Name:</b>	Triethylenetetramine solution
<b>Hazard Class:</b>	8
<b>ID Number:</b>	UN 2259
<b>Packing Group:</b>	PG II
<b>Label:</b>	Corrosive
<b>Hazard Labels:</b>	corrosive
<b>TDG: Non-Bulk</b>	
<b>Proper Shipping Name:</b>	Triethylenetetramine solution
<b>Hazard Class:</b>	8
<b>ID Number:</b>	UN 2259
<b>Packing Group:</b>	PG II
<b>Label:</b>	Corrosive
<b>Hazard Labels:</b>	corrosive

**15. REGULATORY INFORMATION****US Federal Regulations:**

**Occupational Safety and Health Act (OSHA):** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

**SARA Title III: Section 304 - CERCLA:** Not listed.

**SARA Title III: Section 311/312 - Hazard Communication Standard (HCS):** Immediate (acute) health hazard.  
Delayed (chronic) health hazard.

**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product does not contain a toxic chemical for routine annual 'Toxic Chemical Release Reporting' under Sec. 313 (40 CFR 372).

**TSCA Section 8(b) - Inventory Status:** Chemical components listed on TSCA Inventory.

**TSCA Section 12(b) - Export Notification:** This product does not contain any chemicals subject to Section 12(b) export notification.

**International Regulations:**

**Australian Inventory Status:** This product contains only chemicals which are currently listed on the Australian Inventory of Chemical Substances.

**Canadian Inventory Status:** This product contains only chemicals that are currently listed on the Canadian Domestic Substance List.

**Canadian WHMIS:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. D2B, E



Effective Date: 10/25/10

**European Inventory Status (EINECS):** This product contains only chemicals that are currently listed on the European Inventory of Existing Commercial Chemical Substances (EINECS).

**Japanese Inventory Status:** This product contains only chemicals currently listed on the Japanese Ministry of International Trade and Industry List of Existing and New Chemical Substances.

### State Regulations:

**California Proposition 65:** This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

**Pennsylvania Right-to-Know:** The following is required composition information:

Chemical Name: Glass, oxide, chemicals  
Common Name: glass oxide  
CAS Number: 65997-17-3  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Polyamide resin  
CAS Number: Confidential  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: 1,2-Ethanediamine, N,N'-bis(2-aminoethyl)-  
Common Name: Triethylenetetramine  
CAS Number: 112-24-3  
Comment: Hazardous Substance

Chemical Name: Aluminum hydroxide (Al(OH)<sub>3</sub>)  
CAS Number: 21645-51-2  
Comment: Not on Pennsylvania Hazardous Substance List

### 16. OTHER INFORMATION

<b>MSDS No:</b>	2364
<b>Reason Issued:</b>	10/10 update - review - add syn - Update
<b>Approved By:</b>	Matthew Austin
<b>Title:</b>	EH&S Chemist
<b>Supersedes Date:</b>	01/21/04

**Other Information:** L/M Codes: B/L (B10021830) [B21]  
Material Code: FPC2517

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